SRM
INSTITUTE OF SCIENCE & TECHNOLOGY

Workshop
" Mathematical Perspectives on Computational Intelligence "

July 30 & 31, 2019

Organized by

**Department of Information Technology
Faculty of Engineering and Technology
SRM Institute of Science and Technology
(Deemed to be University u/s 3 of UGC Act, 1956)
Kattankulathur – 603 203, Tamil Nadu, India**

ABOUT THE INSTITUTION

SRM Institute of Science & Technology was initially started as SRM Engineering College in the academic year 1985-1986 at Kattankulathur, Kancheepuram District, Tamil Nadu. SRMIST was established in the year 2003 and the Faculty of Engineering and Technology (E&T) was carved out, which now consists of all the schools and departments related to Engineering and Technology including Architecture and Interior Design in four different campuses namely Kattankulathur, Ramapuram, Ramapuram Part and Modinagar (near New Delhi). The other faculty under SRMIST includes Medical & Health Sciences, Science and Humanities, Management, Law and Agriculture Sciences. The main sylvan campus of Kattankulathur consists of a lush green environment with a built up area of 1,70,000sq.m for Laboratories, Workshops, Library, Classrooms, Technology Park etc. Excellent infrastructure and world class facilities in the institution help the students and faculty members to pursue their research in an efficient manner. For further information about our institution, please visit the following URL: www.srmuniv.ac.in

ABOUT THE DEPARTMENT

The Department of Information Technology offers an undergraduate program and post graduate programs like Big Data Analytics, Information Security and Computer Forensics and Cloud Computing. The department is equipped with more than 500 computing systems and EMC² private cloud storage spread over eleven laboratories to meet the needs of students. A team of research oriented faculty members take care of the academic requirements in an efficient manner. We have collaborative agreement with CISCO, IBM and Oracle.

ABOUT THE WORKSHOP

The ultimate aim of the workshop program is to introduce the mathematics behind the application areas. We are convinced that this workshop will trigger research vigor among the participants, raise responsiveness to the optimizers of the exciting new opportunities in the application of learning and expose researches with good mathematical foundations. Needless to say, this workshop will present exceptional possibilities for PhD students and young researchers to get in touch with the challenging, exciting development of advancements in the Computing area and their applications, to meet with leading experts of the field.

Expected Participants : 80 Members

Expected Outcomes

Definitely the workshop would provide a great opportunity for the young researches and Ph.d scholars to get an insight towards approaching the research problem with mathematics flavor.

- Understanding the challenges faced by a Forecaster with respect to "Renewable energy"
- Mathematical modeling with respect to Real time applications
- Probabilistic approaches of Computational Intelligence

Above all, by having an interaction with eminent resource persons from R&D sectors, Academicians the participants would be highly benefited.

TYPE OF AUDIENCE

U.G and P.G students, Research Scholars, Faculty members.

Workshop Outline

DAY	SESSION	SPEAKER
DAY 1	Data Analytics in Renewable Energy	**Dr. K.BALARAMAN** Director General National Institute of Wind Energy (NIWE) (Formerly C-WET)
DAY 1	Challenges in Wind and Solar Power Forecasting - Forecaster Perspective	**Mr. A.G.RANGARAJ** Deputy Director (Technical) Testing & Forecasting unit National Institute of Wind Energy (NIWE)
DAY 1	Mathematical Modeling with respect to Real Time Applications	**Prof. S.SUNDAR** Head, Department of Mathematics, IIT Madras. DAAD (German Academic Exchange Service) Research Ambassador.
DAY 1	Linear Algebra Foundation for Linear Regression	**Mr. SUDARSUN SANTHIAPPAN** Chief Scientist, Co-Founder Buddihealth
DAY 2	The Mathematics behind Web Search Engine	**Dr. VENKATESH VINAYAKARAO** MS (Carnegie Mellon University, USA) PhD Asst. Professor IIIT-Sri city , Visiting fellow CMI
DAY 2	Probabilistic Approach of Computational Intelligence	**Dr. S. VAITHYASUBRAMANIAN** Assistant Professor, Sathyabama Institute of Science and Technology

REGISTRATION FORM

1. Name(Block Letters)   :

2. Age   :   Sex: M / F

3. Designation   :

4. Qualification   :

5. Area of Specialization   :

6. Teaching Experience   :
   (Years)

7. College Name and address:

8. Contact Information   :
   Postal Address   :

   Mobile No   :

   Email id   :

9. Accommodation required   :   Yes / No

10. Details of Payment   :
    Transaction ID & Date   :

    Bank   :

Signature of the Applicant   Name and Signature of
                                  Head of the Institution with seal

REGISTRATION

Registration Fee Rs.500/-

The participants are requested to do the payment through **Net Banking**

Bank name   : **City Union Bank,**

                          Tambaram Extn,

                          Kattankulathur.

IFSC number   : **CIUB0000117**

Account number : **117001000694687**

Beneficiary name : IT ASSOCIATION

Note: Mention your name in Net Banking transaction comment. Kindly send the Net Banking transaction details to the email id

workshop.it@srmist.edu.in

Registration Link

https://tinyurl.com/y5mapnlf

Last Date for completing registration form is **25th July, 2019**

Workshop Co-Ordinator

Dr. G. Maragatham, Associate Professor

Workshop Co-Coordinator

Mr. L.N.B. Srinivas, Asst. Professor

Organizing committee

Mr. A. Arokiaraj Jovith, Asst. Professor

Mr. K. Venkatesh, Asst. Professor

Mr. M. Anand, Asst. Professor

Ms. K. Sornalakshmi, Asst. Professor

Mr. Geogen George, Asst. Professor

Ms. D. Saveetha, Asst. Professor

Ms. K. Meenakshi, Asst. Professor

Mr. P. Savaridaasan, Asst. Professor

Ms. G. Saranya, Asst. Professor

Ms. T. Krithiga Devi, Asst. Professor

Ms. A. Hellen Victoria, Asst. Professor

Ms. A. Shobana Devi, Research Scholar

Accommodation & Other Queries

Dr. M.B. Mukesh Krishnan
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